



Environmental Information Form

Project Applicant or Representative:

Name: Jason Voss

Address: 12100 Stevens Canyon Road
Cupertino, CA 95014

Phone: (408) 253-2512 ext. 210

E-mail: jvoss@scqinc.com

Please answer the following questions in the spaces provided. Use additional sheets if necessary.
If the question does not apply, mark "N/A."

Failure to provide complete and accurate information will result in your application being declared incomplete, which will delay application processing.

Project Description:

1. Project address (or location): 12100 Stevens Canyon Road
Cupertino, CA 95014
2. Describe the project (i.e., What will be constructed? Proposed use? Project objectives?):

This application is submitted to expand the use permit for the entirety of the site and to amend the reclamation plan. The use permit will provide for a term of 30 years, amend Stevens Creek Quarry's (SCQ) existing use permit issued for Parcel A and extend its coverage to Parcel B, and allow the import of native greenstone from an adjacent permitted mine site. The reclamation plan amendment includes a revised slope design to correct the potential slope instability identified in the western pit slope, updated plans for stormwater flow, and proposes a combination of backfilling the quarry using on-site materials and importing fill materials to meet the final reclaimed site elevations.

3. Is the project part of a master plan, or a phase of a larger project? Yes ☐ No ☒

If yes, describe the project's situation/ role in the master plan or larger project (e.g., project is Phase 2 of 4, brief description of what each phase entails): _____

4. Where on the site will project construction and activities occur (describe and show on site plan construction footprint and staging areas)? _____

Activities will involve ongoing mining on Parcel B, a new settling pond on Parcel A, and reclamation within the proposed reclamation area boundary. See the project description for details.

5. Site and project area information:

(a) Parcel size (acres or square feet): approximately 153 acres (owned property holdings)

(b) Describe all buildings (existing and proposed) associated with the proposed use:

BUILDING	SIZE (sq. ft)	HEIGHT
No new or modified buildings are proposed. See project description for details on existing buildings.		

If more space is needed, please attach a supplemental sheet.

(c) Indicate total area (sq. ft.) of parking areas: No new parking proposed.

(d) Number of on-site parking spaces: No new parking proposed.

(e) Indicate total area (sq. ft.) of buildings, driveways, patios, walkways and other impervious surfaces: See project description for a description of applicable features.

(f) Describe any other outdoor areas dedicated to activities of the proposed use (e.g. sales, storage, animal confinement, etc). Include land area (sq. feet or acres). _____

Proposed site boundary is approximately 210 acres.

(g) Indicate total area (sq. feet or acres) of vacant or undeveloped land, and land not devoted to the proposed use: Approx. 210 acres within the approx. 250 acre site plan area.

6. Will grading (cut and/or fill) be required as part of the project? Yes ☒ No ☐

If yes, a licensed civil engineer or land surveyor must complete the following information. If no, proceed to question 7.

Mining and reclamation will involve materials excavation, movement, and placement within the site. Material volumes and placement parameters are described in the attached project description.

IMPROVEMENT	EARTHWORK QUANTITY (cubic yards)		MAXIMUM DEPTH (feet)	
	CUT	FILL	CUT	FILL
Driveway, Access Road				
Building Pad				
Landscaping				
Other Improvements				
TOTAL	0	0	0	0

If more space is needed, please attach supplemental sheet.

(a) If volume of cut exceeds fill, where will excess soil be disposed? _____
[Volume of cut will not exceed fill capacity. Please see project description.](#)

(b) Are retaining walls proposed? Yes ☐ No ☒

If yes, what is maximum height? _____

7. Are any structures on the property proposed to be demolished? Yes ☒ No ☐

If yes, attach photos of each structure from at least two directions, and describe the types of structures (e.g. barn), and age of the structures:

STRUCTURE	AGE	SIZE
Equipment and structures supporting mining will be removed at final reclamation.	Vary	Vary
(See Reclamation Plan for additional information)		

If more space is needed, please attach supplemental sheet.

Applicants are required to submit a Santa Clara County property appraisal record to document the age of the structures proposed for demolition. The property owner may obtain a copy from the County Assessor's Office (70 W Hedding St., 5th Floor).

8. If the project is institutional, commercial or industrial, answer the following:

(a) Number of daily customers, residents or other users of your project? [Not applicable.](#)

(b) Basis for this number (e.g., seating, etc)? [Not applicable.](#)

(c). Number of employees? (i) Total: [No new employees](#) (ii) Max. at any one time: 75

(d) Hours of operation: [See Table 3 of the project description](#)

9. Indicate the water source serving the proposed use. Include provider name if applicable.
Stormwater collected on-site.

10. If there are existing wells on the property:

(a) How many are functioning? NA

(b) How many are abandoned? NA

(c) Are the abandoned wells sealed? NA

11. What is the distance to nearest water line? No additional line is needed.

12. Indicate the method of sewage disposal for the proposed use. Include sewer district name if applicable. Existing sewage disposal facilities on-site; no additional facilities are needed.

13. If a septic system is being proposed, have percolation tests been done? Yes ☐ No ☐

If yes, who conducted the tests and what were the results? A septic system is not proposed.



Form continues on next page

Environmental Setting:

1. Describe the natural characteristics (e.g., topography, vegetation, drainage, soil stability, habitat, etc.) on the project site. _____

Portions of the property that are not developed for mining and related ancillary facilities are undisturbed with steep topography and vegetated. Natural characteristics of the site are described in the project description and reclamation plan amendment.

2. Describe the existing land uses on the project site. _____
Mining, materials processing, and related activities

3. Describe the existing land uses adjacent to the project site (note location in relation to the project site): Please see Figure 3, "Existing Conditions Aerial Photographs," of the project description, which shows surrounding land uses. Open space and rural residential land uses are to the west and northeast of the site. The Sunnyvale Rod and Gun Club is east of the site. Stevens Creek Reservoir is south of the site. A separate mining operation, Permanente Quarry, is adjacent to Stevens Creek Quarry's property, on the north.

4. Are there any known technical reports that evaluate the property or the proposed project (e.g., geologic, biological, archaeological, environmental impact reports, etc.)? Indicate which reports will be submitted with this application: _____

Several geotechnical evaluations have been prepared for the site previously. A geotechnical investigation to support the current mine and reclamation design is ongoing.



Form continues on next page

Environmental Aspects of Project:

1. Geology:

- (a) Are there any known geologic hazards on the site or in the immediate area. (e.g., earthquake faults, landslides, subsidence, steep slopes, etc.)? Yes ☒ No ☐

If yes, describe: The proposed reclamation plan submitted with this application and previously prepared geotechnical studies provide information regarding earthquake faults, landslides, slope stability, and other geologic factors and hazards within the site and surrounding areas.

- (b) Will construction occur on slopes greater than 10%? Yes ☒ No ☐

If yes, indicate percent of slope: 10%; and describe how erosion/siltation will be prevented?

Mining and reclamation activities will occur for slopes exceeding 10%. Erosion and siltation will be managed in accordance with SCQ's storm water pollution prevention plan and best management practices.

2. Trees:

- (a) On the site plan, show all trees with trunk diameter of 12 inches or larger, measured at 4.5 feet above the ground (12-inch dbh), and any other protected trees (See "Protected Trees" text box). Indicate the species and size of each tree, and clearly mark each of those trees that are proposed for removal.
- (b) In the table below, indicate the species, trunk diameter and location of each tree proposed to be removed.

TREE SPECIES	TRUNK DIAMETER	LOCATION
--------------	-------------------	----------

A limited number of trees will be removed in the northwest portion of the site to lay back slopes to ensure that the active and reclaimed slopes are stable.

If more space is needed, please attach a supplemental sheet.

PROTECTED TREES. In addition to the general requirement to show trees with trunk diameter of 12 inches or larger, measured at 4.5 feet above ground (12-inch diameter at breast height, or dbh), the following must also be reported: (a) Oak trees 5" dbh or larger, to determine whether oak woodlands are present (see *Guide to Evaluating Oak Woodland Impacts*); (b) Trees 6" dbh or larger in the "-h₁" (Historic Preservation) district; (c) Any heritage tree, as defined in Section C16-2 of the County Ordinance Code; (d) Any tree required to be planted as a replacement for an unlawfully removed tree, pursuant to Section C16-17e; and (e) Any tree that was required to be planted or retained by the conditions of any discretionary County land use permit.

3. Agriculture:

- (a) Is the site currently under Williamson Act contract? Yes ☐ No ☒

If yes, contact Planning Office for more information pertaining to Williamson Act compatible use determination. The application is available at the Planning Office.

- (b) Are there any agricultural uses on-site? Yes ☐ No ☒

If yes, describe: _____

- (c) Are there any commercial agricultural uses on-site? Yes ☐ No ☒

If yes, describe: _____

- (d) Are there any agricultural uses adjacent to the project site? Yes ☐ No ☒

If yes, describe: _____

- (e) Is the site currently under an open space easement contract? Yes ☐ No ☒

If yes, contact Planning Office for more information pertaining to Open Space Easement compatible use determination. The application is available at the Planning Office.

- (f) Would the project convert more than 1 acre of farmland to a non-agricultural use? Yes ☐ No ☒

If yes, describe: _____

4. Drainage/Flooding/Riparian:

Are there any watercourses and riparian habitat (e.g. drainage swale, stream course, spring, pond, lake, creek, tributary of creek, wetlands) within 150 feet of proposed construction or grading?

Yes ☒ No ☐

If yes, describe, and indicate its location relative to the project: _____

Rattlesnake creek, Swiss Creek, and No Name Tributary are located within the existing and proposed site and reclamation plan boundary. Additional information on drainages are provided in the attached project description and reclamation plan amendment.

5. Transportation:

- (a) Name street(s) to be used to access project: Stevens Canyon Boulevard
- (b) Approximate number of vehicle trips per day to be generated by project (Please note that each direction equals one trip)? No increase from existing traffic is anticipated.
- (c) Indicate the days & times you expect most trips to occur: See Table 3 in the project description
- (d) Is there traffic congestion during commute hours at any nearby street intersections providing access to the project? Yes ☐ No ☒
- If yes, list the intersections: _____

Transportation Impact Analyses (TIAs) using the Congestion Management Agency's methodology must be prepared for all projects that generate 100 or more peak hour trips. Transportation impact analyses (TIAs) using the Congestion Management Agency's methodology may also be required if the project will generate substantial growth in the project area, result in an increase of traffic in relation to the existing traffic load and capacity of the street system, etc.

6. Safety/Health:

- (a) To your knowledge, do potentially hazardous materials exist on either this site or nearby property? (e.g., fuels, chemicals, industrial residue, etc.) Yes ☒ No ☐
- If yes, describe: Existing operations use and handle materials in accordance with regulations.
- (b) Will the project require the use, storage or disposal of hazardous materials such as toxic substances, flammables, or explosives (e.g diesel generator), underground storage of chemicals)? Yes ☒ No ☐
- If yes, describe: No change in the use of materials is proposed. On-site equipment and vehicles and soil import trucks will contain fuels and lubricants in compliance with applicable regulations.

7. Air/Noise:

- (a) Describe the types (and numbers) of construction equipment that will be used during project construction? (e.g. grader, backhoe, pile driver, jackhammer).
- Mining and reclamation activities will use heavy equipment for material removal, hauling, and processing and movement of material associated with backfilling and resoiling reclamation areas.
- (b) Will the ongoing operation of the proposed use generate dust, smoke, fumes, odors, or noise (such as outdoor amplified noise or industrial activity)? Yes ☒ No ☐
- If yes, describe: Mining and reclamation activities will create a similar or lessened potential for dust and odors as compared to existing operations. No potential for substantial generation of smoke or fumes is anticipated from reclamation activities or from continued mining and reclamation activities.

8. **Aesthetic:**

- (a) Does the property contain natural features of scenic value or rare or unique characteristics (e.g., rock outcropping, mature trees)? Yes ☒ No ☐

If yes, describe: _____

The site contains mature trees, varying topography, and other natural features of scenic value. The expanded use permit and reclamation boundary is anticipated to result in a limited amount of tree removal.

- (b) Will construction occur at or near a ridgeline or hilltop? Yes ☒ No ☐

- (c) Will the project include visual impact mitigation (e.g. new landscaping, light reflectivity value of exterior surfaces less than 45, etc.) ?

Yes ☒ No ☐

If yes, describe: Final contouring and revegetation is planned to minimize visual effects to the extent feasible.

9. **Historical/Archaeological:**

- (a) Has the property received any historic designation(s)? Yes ☐ No ☒

If yes, check the boxes that apply and attach the appropriate nomination form or documentation related to its listing.

- ☐ National Historic Register of Historic Places
☐ California Historical Landmark
☐ California Point of Historic Interest
☐ California Register of Historical Resources
☐ Santa Clara County Heritage Resource Inventory
☐ Santa Clara County Historical Zoning District

- (b) Are you aware of any archaeological remains on the property? Yes ☐ No ☒

If yes, describe: _____

No archaeological remains are known to be present within the site. No cultural resources occur on the site. However, SCQ will continue to comply with existing conditions of approval associated with cultural resources, human remains, and paleontological resources.

10. Habitat for endangered, threatened, or rare wildlife or plants:

(a) Does the property contain critical habitat for special-status species (e.g., California Tiger Salamander, Bay Checkerspot Butterfly, Red Legged Frog)? Yes ☐ No ☒

(b) Is the property in or adjacent to a mapped occurrence of a special-status species as reported in the California Natural Diversity Database (CNDDB)? Yes ☒ No ☐

If yes, describe: [see Planning Office for assistance] _____

Special-status plant and animal species are known to have the potential to occur within or adjacent to the site. SCQ will continue to comply with existing conditions of approval related to the protection of biological resources.

Reduction or Avoidance of Impacts:

Discuss possible actions that could reduce or avoid any adverse environmental affects raised in the previous section (*Environmental Aspects of Project*). Use appropriate reference numbers.

SCQ will continue to comply with existing conditions of approval related to the protection of biological resources. No cultural resources occur on the site. However, SCQ will continue to comply with existing conditions of approval associated with cultural resources, human remains, and paleontological resources. Provisions for water quality protection, slope stability, and air pollutant emissions are incorporated into the project.

If more space is needed, please attach a supplemental sheet.

Certification:

I hereby certify that the statements on this form and the attached exhibits are true and correct to the best of my knowledge. If any of the facts represented here change, it is my responsibility to inform the County of Santa Clara.

Owner/Applicant Signature: _____

Date: September 18, 2020

Staff Use Only

FILE #: _____

Environmental information form reviewed and found to be complete?:

Yes ☐ No ☐

If no, what additional information is needed?

Signature: _____

Date: _____

County of Santa Clara

Department of Planning and Development

County Government Center, East Wing
70 West Hedding Street, 7th Floor
San Jose, California 95110



CLEAN WATER QUESTIONNAIRE

Which Projects Must Comply with Stormwater Requirements? (READ THIS FIRST)

All projects that create and/or replace **10,000 sq. ft.** or more of impervious surface on the project site must fill out this worksheet and submit it with the development project application.

All restaurants, auto service facilities, retail gasoline outlets, and uncovered parking lot projects (stand-alone or part of another development project, including the top uncovered portion of parking structures) that create and/or replace **5,000 sq. ft.** or more of impervious surface on the project site must also fill out this worksheet.

Interior remodeling projects, routine maintenance or repair projects such as re-roofing and re-paving, and single family homes that are not part of a larger plan of development are **NOT** required to complete this worksheet.

What is an Impervious Surface?

An impervious surface is a surface covering or pavement that prevents the land's natural ability to absorb and infiltrate rainfall/stormwater. Impervious surfaces include, but are not limited to rooftops, walkways, paved patios, driveways, parking lots, storage areas, impervious concrete and asphalt, and any other continuous watertight pavement or covering. Pervious pavement, underlain with pervious soil or pervious storage material (e.g., drain rock), that infiltrates rainfall at a rate equal to or greater than surrounding unpaved areas OR that stores and infiltrates the water quality design volume specified in Provision C.3.d of the Municipal Regional Stormwater Permit (MRP), is not considered an impervious surface.

For More Information

For more information regarding selection of Best Management Practices for stormwater pollution prevention or stormwater treatment contact: **Clara Spaulding (408) 299-5737 or clara.spaulding@pln.sccgov.org**

1. Project Information

Project Name: Stevens Creek Quarry **APN #** 351-10-017,-019,-033,-039,-040,-044, 351-11-001, 351-18-048

Project Address: 12100 Stevens Canyon Road, Cupertino, CA 95014

Cross Streets: Stevens Canyon and Montebello roads

Applicant/Developer Name: Stevens Creek Quarry

Project Phase(s): _____ **of** _____ **Engineer:** _____

Project Type (Check all that apply): ☐ New Development ☐ Redevelopment

☐ Residential ☐ Commercial ☐ Industrial ☐ Mixed Use ☐ Public ☐ Institutional

☐ Restaurant ☐ Uncovered Parking ☐ Retail Gas Outlet ☐ Auto Service (SIC code) _____

☒ Other Mining, aggregate processing, and offsite hauling (5013-5014, 5541, 7532-7534, 7536-7539)

Project Description: This application is submitted to expand the use permit for the entirety of the site and to amend the reclamation plan. No new impervious surfaces are proposed.

Project Watershed/Receiving Water (creek, river or bay): San Francisco Bay

2. Project Size

a. Total Site Area: _____ acre	b. Total Site Area Disturbed: _____ acre (including clearing, grading, or excavating)			
	Existing Area (ft²)	Proposed Area (ft²)		Total Post-Project Area (ft²)
		Replaced	New	
Impervious Area				
Roof				
Parking				
Sidewalks and Streets				
c. Total Impervious Area				
d. Total new and replaced impervious area				
Pervious Area				
Landscaping				
Pervious Paving				
Other (e.g. Green Roof)				
e. Total Pervious Area				
f. Percent Replacement of Impervious Area in Redevelopment Projects (Replaced Total Impervious Area ÷ Existing Total Impervious Area) x 100% = _____ %				

3. State Construction General Permit Applicability:

a. Is #2.b. equal to 1 acre or more?

☒ Yes, applicant must obtain coverage under the State Construction General Permit (i.e., file a Notice of Intent and prepare a Stormwater Pollution Prevention Plan) (see www.swrcb.ca.gov/water_issues/programs/stormwater/construction.shtml for details).

☐ No, applicant does not need coverage under the State Construction General Permit.

4. MRP Provision C.3 Applicability:

a. Is #2.d. equal to **10,000** sq. ft. or more, or **5,000** sq. ft. or more for restaurants, auto service facilities, retail gas outlets, and uncovered parking?

☐ Yes, C.3. source control, site design and treatment requirements apply

☒ No, C.3. source control and site design requirements may apply – check with local agency

b. Is #2.f. equal to 50% or more?

☐ Yes, C.3. requirements (site design and source control, as appropriate, and stormwater treatment) apply to entire site

☒ No, C.3. requirements only apply to impervious area created and/or replaced

5. Hydromodification Management (HM) Applicability:

a. Does project create and/or replace one acre or more of impervious surface AND is the total post-project impervious area greater than the pre-project (existing) impervious area?

☐ Yes (continue)

☒ No – exempt from HM, go to page 3

b. Is the project located in an area of HM applicability (green area) on the HM Applicability Map? (www.scvurppp-w2k.com/hmp_maps.htm)

☐ Yes, project must implement HM requirements

☐ No, project is exempt from HM requirements

6. Selection of Specific Stormwater Control Measures:

Site Design Measures

- ☒ Minimize land disturbed
- ☒ Minimize impervious surfaces
- ☐ Minimum-impact street or parking lot design
- ☒ Cluster structures/pavement
- ☐ Disconnected downspouts
- ☐ Pervious pavement
- ☐ Green roof
- ☐ Microdetention in landscape
- ☐ Other self-treating area
- ☒ Self-retaining area
- ☐ Rainwater harvesting and use (e.g., rain barrel, cistern connected to roof drains)¹
- ☐ Preserved open space: _____ ac. or sq. ft.
(circle one)
- ☐ Protected riparian and wetland areas/buffers (Setback from top of bank: _____ ft.)
- ☐ Other _____

Source Control Measures

- ☐ Alternative building materials
- ☐ Wash area/racks, drain to sanitary sewer²
- ☐ Covered dumpster area, drain to sanitary sewer²
- ☐ Sanitary sewer connection or accessible cleanout for swimming pool/spa/fountain²
- ☐ Beneficial landscaping (minimize irrigation, runoff, pesticides and fertilizers; promotes treatment)
- ☐ Outdoor material storage protection
- ☐ Covers, drains for loading docks, maintenance bays, fueling areas
- ☐ Maintenance (pavement sweeping, catch basin cleaning, good housekeeping)
- ☐ Storm drain labeling
- ☐ Other _____

Treatment Systems

- ☐ None (all impervious surface drains to self-retaining areas)

LID Treatment

- ☐ Rainwater harvest and use (e.g., cistern or rain barrel sized for C.3.d treatment)
- ☐ Infiltration basin
- ☐ Infiltration trench
- ☐ Exfiltration trench
- ☐ Underground detention and infiltration system (e.g. pervious pavement drain rock, large diameter conduit)

Biotreatment³

- ☐ Bioretention area
- ☐ Flow-through planter
- ☐ Tree box with bioretention soils
- ☐ Other _____

Other Treatment Methods

- ☐ Proprietary tree box filter⁴
- ☐ Media filter (sand, compost, or proprietary media)⁴
- ☐ Vegetated filter strip⁵
- ☐ Dry detention basin⁵
- ☐ Other _____

Flow Duration Controls for Hydromodification Management (HM)

- ☐ Detention basin
- ☐ Underground tank or vault
- ☐ Bioretention with outlet control
- ☐ Other _____

¹ Optional site design measure; does not have to be sized to comply with Provision C.3.d treatment requirements.

² Subject to sanitary sewer authority requirements.

³ Biotreatment measures are allowed only with completed feasibility analysis showing that infiltration and rainwater harvest and use are infeasible. Fill out Forms 1, 2 and 3 to determine feasibility, as applicable.

⁴ These treatment measures are only allowed if the project qualifies as a "Special Project".

⁵ These treatment measures are only allowed as part of a multi-step treatment process.

7. Treatment System Sizing for Projects with Treatment Requirements

Indicate the hydraulic sizing criteria used and provide the calculated design flow or volume:

Treatment System Component	Hydraulic Sizing Criteria Used ³	Design Flow or Volume (cfs or cu.ft.)

³Key: 1a: Volume – WEF Method
1b: Volume – CASQA BMP Handbook Method
2a: Flow – Factored Flood Flow Method
2b: Flow – CASQA BMP Handbook Method
2c: Flow – Uniform Intensity Method
3: Combination Flow and Volume Design Basis

8. Operation & Maintenance Information

- A. Property Owner's Name _____
- B. Responsible Party for Stormwater Treatment/Hydromodification Control O&M:
- a. Name: _____
- b. Address: _____
- c. Phone/E-mail: _____

DEPT. OF PLANNING AND DEVELOPMENT, LDE STAFF USE ONLY

Questionnaire reviewed:

LDE: _____
Date

Project Watershed

- ☐ San Francisco Bay
☐ Monterey Bay

Project Category (check one):

- ☐ Regulate project
☐ Regulated + HMP project
☐ Exempt

O&M Responsibility Mechanism

- ☐ O&M Agreement
☐ Other mechanism that assigns responsibility (describe below): _____

Send copy of Form to: Clean Water Program

Form 1: Infiltration/Harvesting and Use Feasibility Screening Worksheet

Apply these screening criteria for **C.3 Regulated Projects*** required to implement Provision C.3 stormwater treatment requirements. See the Glossary (Attachment 1) for definitions of terms marked with an asterisk (*). Contact Land Development Engineering staff to determine whether the project meets **Special Project*** criteria. If the project meets Special Project criteria, it may receive LID treatment reduction credits.

1. Applicant Info

Site Address: _____ APN: 351-10-017, -019, -033, -039, -040, -044, 351-11-001, 351-18-048

Applicant Name: _____ Phone No.: _____

Mailing Address: _____

2. Feasibility Screening for Infiltration

Do site soils either (a) have a **saturated hydraulic conductivity*** (Ksat) that will NOT allow infiltration of 80% of the annual runoff (that is, the Ksat is LESS than 1.6 inches/hour), or, if the Ksat rate is not available, (b) consist of Type C or D soils?¹

☐ Yes (do not fill out Form 2)

☐ No – complete the Form 2. If infiltration of the C.3.d amount of runoff is found to be feasible, there is no need to complete the rest of this screening worksheet.

3. Recycled Water Use

Check the box if the project is installing and using a recycled water plumbing system for non-potable water use.

☐ The project is installing a recycled water plumbing system, and installation of a second non-potable water system for harvested rainwater is impractical, and considered infeasible due to cost considerations. Skip to Section 6.

4. Calculate the Potential Rainwater Capture Area* for Screening of Harvesting and Use

Complete this section for the entire project area. If rainwater harvesting and use is infeasible for the entire site, and the project includes one or more buildings that each have an individual roof area of 10,000 sq. ft. or more, then complete Sections 4 and 5 of this form for each of these buildings.

4.1 Table 1 for (check one): ☐ The whole project ☐ Area of 1 building roof (10,000 sq.ft. min.)

Table 1: Calculation of the Potential Rainwater Capture Area*				
<i>The Potential Rainwater Capture Area may consist of either the entire project area or one building with a roof area of 10,000 sq. ft. or more.</i>				
	1	2	3	4
	Pre-Project Impervious surface ² (sq.ft.), if applicable	Proposed Impervious Surface ² (IS), in sq. ft.		Post-project landscaping (sq.ft.), if applicable
		Replaced ³ IS	Created ⁴ IS	
a. Enter the totals for the area to be evaluated:				
b. Sum of replaced and created impervious surface:	N/A			N/A
c. Area of existing impervious surface that will NOT be replaced by the project.		N/A		N/A

¹ Base this response on the site-specific soil report, if available. If this is not available, consult soil hydraulic conductivity maps in Attachment 3.

² Enter the total of all impervious surfaces, including the building footprint, driveway(s), patio(s), impervious deck(s), unroofed porch(es), uncovered parking lot (including top deck of parking structure), impervious trails, miscellaneous paving or structures, and off-lot impervious surface (new, contiguous impervious surface created from road projects, including sidewalks and/or bike lanes built as part of new street). Impervious surfaces do NOT include vegetated roofs or pervious pavement that stores and infiltrates rainfall at a rate equal to immediately surrounding, unpaved landscaped areas, or that stores and infiltrates the **C.3.d amount of runoff***.

³ "Replaced" means that the project will install impervious surface where existing impervious surface is removed.

⁴ "Created" means the project will install new impervious surface where there is currently no impervious surface.

* For definitions, see Glossary (Attachment 1).

- 4.2 Answer this question ONLY if you are completing this section for the entire project area. If existing impervious surface will be replaced by the project, does the area to be replaced equal 50% or more of the existing area of impervious surface? (Refer to Table 1, Row "a". Is the area in Column 2 > 50% of Column 1?)

- ☐ Yes, C.3. stormwater treatment requirements apply to areas of impervious surface that will remain in place as well as the area created and/or replaced. This is known as the 50% rule.
- ☐ No, C.3. requirements apply only to the impervious area created and/or replaced.

- 4.3 Enter the square footage of the **Potential Rainwater Capture Area***. If you are evaluating only the roof area of a building, or you answered "no" to Question 4.2, this amount is from Row "b" in Table 1. If you answered "yes" to Question 4.2, this amount is the sum of Rows "b" and "c" in Table 1.:

_____ square feet.

- 4.4 Convert the measurement of the **Potential Rainwater Capture Area*** from square feet to acres (divide the amount in Item 4.3 by 43,560):

_____ acres.

5. Feasibility Screening for Rainwater Harvesting and Use

- 5.1 Use of harvested rainwater for landscape irrigation:

Is the onsite landscaping LESS than 2.5 times the size of the **Potential Rainwater Capture Area*** (Item 4.3)?
(Note that the landscape area(s) would have to be contiguous and within the same Drainage Management Area to use harvested rainwater for irrigation via gravity flow.)

- ☐ Yes (do not fill out Form 3) ☐ No – Direct runoff from impervious areas to **self-retaining areas***
OR refer to Table 11 and the curves in Appendix F of the LID Feasibility Report to evaluate feasibility of harvesting and using the C.3.d amount of runoff for irrigation.

- 5.2 Use of harvested rainwater for toilet flushing or non-potable industrial use:

- a. Residential Projects: Proposed number of dwelling units: _____
Calculate the dwelling units per impervious acre by dividing the number of dwelling units by the acres of the **Potential Rainwater Capture Area*** in Item 4.4. Enter the result here:

_____)

Is the number of dwelling units per impervious acre LESS than 100 (assuming 2.7 occupants/unit)?

- ☐ Yes (do not fill out Form 3) ☐ No – complete Form 3

- b. Commercial/Industrial Projects: Proposed interior floor area: _____ (sq. ft.)

Calculate the proposed interior floor area (sq.ft.) per acre of impervious surface by *dividing the interior floor area (sq.ft.) by the acres of the **Potential Rainwater Capture Area*** in Item 4.4. Enter the result here:*

Is the square footage of the interior floor space per impervious acre LESS than 70,000 sq. ft.?

- ☐ Yes (do not fill out Form 3) ☐ No – complete the Form 3

- c. School Projects: Proposed interior floor area: _____ (sq. ft.)

Calculate the proposed interior floor area per acre of impervious surface by *dividing the interior floor area (sq.ft.) by the acres of the **Potential Rainwater Capture Area*** in Item 4.4. Enter the result here:*

Is the square footage of the interior floor space per impervious acre LESS than 21,000 sq. ft.?

- ☐ Yes (do not fill out Form 3)) ☐ No – complete Form 3

* For definitions, see Glossary (Attachment 1).

d. Mixed Commercial and Residential Use Projects

- Evaluate the residential toilet flushing demand based on the dwelling units per impervious acre for the residential portion of the project, following the instructions in Item 5.2.a, except you will use a prorated acreage of impervious surface, based on the percentage of the project dedicated to residential use.
- Evaluate the commercial toilet flushing demand per impervious acre for the commercial portion of the project, following the instructions in Item 5.2.a, except you will use a prorated acreage of impervious surface, based on the percentage of the project dedicated to commercial use.

e. Industrial Projects: Estimated non-potable water demand (gal/day): _____

Is the non-potable demand LESS than 2,400 gal/day per acre of the Potential Rainwater Capture Area?

- ☐ Yes (do not fill out Form 3)) ☐ No – refer to the curves in Appendix F of the LID Feasibility Report to evaluate feasibility of harvesting and using the C.3.d amount of runoff for industrial use.

6. Use of Biotreatment

If only the “Yes” boxes were checked for all questions in Sections 2 and 5, or the project will have a recycled water system for non-potable use (Section 3), then the applicant may use appropriately designed bioretention facilities for compliance with C.3 treatment requirements. The applicant is encouraged to maximize infiltration of stormwater if site conditions allow.

7. Results of Screening Analysis

Based on this screening analysis, the following steps will be taken for the project (check all that apply):

- ☐ Implement biotreatment measures (such as an appropriately designed bioretention area).
- ☐ Conduct further analysis of infiltration feasibility by completing the Infiltration Feasibility Worksheet.
- ☐ Conduct further analysis of rainwater harvesting and use (check one):
 - ☐ Complete the Rainwater Harvesting and Use Feasibility Worksheet for:
 - ☐ The entire project
 - ☐ Individual building(s), if applicable, describe: _____
 - ☐ Evaluate the feasibility of harvesting and using the C.3.d amount of runoff for irrigation, based on Table 11 and the curves in Appendix F of the LID Feasibility Report
 - ☐ Evaluate the feasibility of harvesting and using the C.3.d amount of runoff for non-potable industrial use, based on the curves in Appendix F of the LID Feasibility Report.

* For definitions, see Glossary (Attachment 1).

This page is intentionally

BLANK

Form 2: Infiltration Feasibility Worksheet

Complete this worksheet for **C.3 Regulated Projects*** for which the soil hydraulic conductivity (Ksat) exceeds 1.6. Use this checklist to determine the feasibility of treating the **C.3.d amount of runoff*** with infiltration. Where it is infeasible to treat the C.3.d amount of runoff* with infiltration or rainwater harvesting and use, stormwater may be treated with **biotreatment*** measures. See Glossary (Attachment 1) for definitions of terms marked with an asterisk (*).

1. Enter Project Data.

- 1.1 Project Name: _____
- 1.2 Project Address: _____
- 1.3 Applicant/Agent Name: _____
- 1.4 Applicant/Agent Address: _____
- 1.5 Applicant/Agent Email: _____ Applicant / Agent Phone: _____

2. Evaluate infiltration feasibility.

Check "Yes" or "No" to indicate whether the following conditions apply to the project. If "Yes" is checked for any question, then infiltration is infeasible, and you can continue to Item 3.1 without answering any further questions in Section 2. If all of the answers in Section 2 are "No," then infiltration is feasible, and you may design **infiltration facilities*** for the area from which runoff must be treated. Items 2.1 through 2.3 address the feasibility of using **infiltration facilities***, as well as the potential need to line bioretention areas.

- | | Yes | No |
|--|--------------------------|--------------------------|
| 2.1 Would infiltration facilities at this site conflict with the location of existing or proposed underground utilities or easements, or would the siting of infiltration facilities at this site result in their placement on top of underground utilities, or otherwise oriented to underground utilities, such that they would discharge to the utility trench, restrict access, or cause stability concerns? (If yes, attach evidence documenting this condition.) | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.2 Is there a documented concern that there is a potential on the site for soil or groundwater pollutants to be mobilized? (If yes, attach documentation of mobilization concerns.) | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.3 Are geotechnical hazards present, such as steep slopes, areas with landslide potential, soils subject to liquefaction, or would an infiltration facility need to be built less than 10 feet from a building foundation or other improvements subject to undermining by saturated soils? (If yes, attach documentation of geotechnical hazard.) | <input type="checkbox"/> | <input type="checkbox"/> |

Respond to Questions 2.4 through 2.8 only if the project proposes to use an **infiltration device***.

- | | | |
|---|--------------------------|--------------------------|
| 2.4 Do local water district or other agency's policies or guidelines regarding the locations where infiltration may occur, the separation from seasonal high groundwater, or setbacks from potential sources of pollution prevent infiltration devices from being implemented at this site? (If yes, attach evidence documenting this condition.) | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.5 Would construction of an infiltration device require that it be located less than 100 feet away from a septic tank, underground storage tank with hazardous materials, or other potential underground source of pollution? (If yes, attach evidence documenting this claim.) | <input type="checkbox"/> | <input type="checkbox"/> |

Infiltration Feasibility Worksheet

	Yes	No
2.6 Is there a seasonal high groundwater table or mounded groundwater that would be within 10 feet of the base of an infiltration device* constructed on the site? (If yes, attach documentation of high groundwater.)	<input type="checkbox"/>	<input type="checkbox"/>
2.7 Are there land uses that pose a high threat to water quality – including but not limited to industrial and light industrial activities, high vehicular traffic (i.e., 25,000 or greater average daily traffic on a main roadway or 15,000 or more average daily traffic on any intersecting roadway), automotive repair shops, car washes, fleet storage areas, or nurseries? (If yes, attach evidence documenting this claim.)	<input type="checkbox"/>	<input type="checkbox"/>
2.8 Is there a groundwater production well within 100 feet of the location where an infiltration device would be constructed? (If yes, attach map showing the well.)	<input type="checkbox"/>	<input type="checkbox"/>

3. Results of Feasibility Determination

Infeasible	Feasible
<input type="checkbox"/>	<input type="checkbox"/>

3.1 Based on the results of the Section 2 feasibility analysis, infiltration is (check one):

→ If "FEASIBLE" is indicated for Item 3.1, then the amount of stormwater requiring treatment must be treated with infiltration (or rainwater harvest and use, if feasible). **Infiltration facilities*** may be designed for the area from which runoff must be treated.

→ If "INFEASIBLE" is checked for item 3.1, then the applicant may use appropriately designed **biotreatment facilities*** for compliance with C.3 treatment requirements. The applicant is encouraged to maximize infiltration of stormwater if site conditions allow.

Stevens Creek Quarry Inc.
Name of Applicant (Print)


Name of Applicant (Sign)
For Stevens Creek Quarry Inc.

9-21-2020
Date

Form 3: Rainwater Harvesting and Use Feasibility Worksheet

Complete this worksheet for all **C.3 Regulated Projects*** for which the project density exceeds the **screening density*** provided by municipal staff. Use this worksheet to determine the feasibility of treating the **C.3.d amount of runoff*** with rainwater harvesting and use for indoor, non-potable water uses. Where it is infeasible to treat the C.3d amount of runoff with either harvesting and use or infiltration, stormwater may be treated with **biotreatment*** measures. See Glossary (Attachment 1) for definitions of terms marked with an asterisk (*).

Complete this worksheet for the entire project area. If the project includes one or more buildings that each individually has a roof area of 10,000 square feet or more, complete a separate copy of this form for each of these buildings.

1. Enter Project Data.

- 1.1 Project Name: _____
- 1.2 Project Address: _____
- 1.3 Applicant/Agent Name: _____
- 1.4 Applicant/Agent Address: _____

(For projects with a potential non-potable water use other than toilet flushing, skip to Question 5.1)

- 1.5 Project Type: _____ If residential or mixed use, enter # of dwelling units: _____
- 1.6 Enter square footage of non-residential interior floor area.: _____
- 1.7 Potential rainwater capture area*: _____ sq.ft.
- 1.8 If it is a **Special Project***, indicate the percentage of **LID treatment*** reduction: _____ percent
(Item 1.8 applies only to entire project evaluations, not individual roof area evaluations.)
- 1.9 Total potential rainwater capture area that will require LID treatment: _____ sq.ft.
(This is the total rain capture area remaining after any Special Project LID treatment reduction is applied.)

2. Calculate Area of Self-Treating Areas, Self-Retaining Areas, and Areas Contributing to Self-Retaining Areas.

(For areas within the Potential Rain Capture Area only)

- 2.1 Enter square footage of any **self-treating areas*** in the area that is being evaluated: _____ sq.ft.
- 2.2 Enter square footage of any **self-retaining areas*** in the area that is being evaluated: _____ sq.ft.
- 2.3 Enter the square footage of areas contributing runoff to **self-retaining area***: _____ sq.ft.
- 2.4 TOTAL of Items 2.1, 2.2, and 2.3: _____ sq.ft.

3. Subtract credit for self-treating/self-retaining areas from area requiring treatment.

- 3.1 Subtract the TOTAL in Item 2.4 from the potential rainwater capture area in Item 1.9: _____ sq.ft.
- 3.2 Convert the remaining area required for treatment in Item 3.1 from square feet to acres: _____ acres

4. Determine feasibility of use for toilet flushing based on demand

- 4.1 Project's dwelling units per acre of adjusted potential rain capture area (Divide the number in 1.5 by the number in 3.2) _____ dwelling units/acre
- 4.2 Non-residential interior floor area per acre of adjusted potential rain capture area (Divide the number in 1.6 by the number in 3.2) _____ Int. non-res. floor area/acre

Note: formulas in Items 4.1 and 4.2 are set up, respectively, for a residential or a non-residential project. Do not use these pre-set formulas for mixed use projects. For mixed use projects, evaluate the residential toilet flushing demand based on the dwelling units per acre for the residential portion of the project (use a prorated acreage, based on the percentage of the project dedicated to residential use). Then evaluate the commercial toilet flushing demand per acre for the commercial portion of the project (use a prorated acreage, based on the percentage of the project dedicated to commercial use).

Rainwater Harvesting and Use Feasibility Worksheet

- 4.3 Refer to the applicable countywide table in Attachment 2. Identify the number of dwelling units per impervious acre needed in your Rain Gauge Area to provide the toilet flushing demand required for rainwater harvest feasibility. _____ dwelling units/acre
- 4.4 Refer to the applicable countywide table in Attachment 2. Identify the square feet of non-residential interior floor area per impervious acre needed in your Rain Gauge Area to provide the toilet flushing demand required for rainwater harvest feasibility. _____ int. non-res. floor area/acre

Check "Yes" or "No" to indicate whether the following conditions apply. If "Yes" is checked for any question, then rainwater harvesting and use is infeasible. As soon as you answer "Yes", you can skip to Item 6.1. If "No" is checked for all items, then rainwater harvesting and use is feasible and you must harvest and use the C.3.d amount of stormwater, unless you infiltrate the C.3.d amount of stormwater*.

- 4.5 Is the project's number of dwelling units per acre of adjusted area requiring treatment (listed in Item 4.1) LESS than the number identified in Item 4.3? ☐ Yes ☐ No
- 4.6 Is the project's square footage of non-residential interior floor area per acre of adjusted area requiring treatment (listed in Item 4.2) LESS than the number identified in Item 4.4? ☐ Yes ☐ No

5. Determine feasibility of rainwater harvesting and use based on factors other than demand.

- 5.1 Does the requirement for rainwater harvesting and use at the project conflict with local, state, or federal ordinances or building codes? ☐ Yes ☐ No
- 5.2 Would the technical requirements cause the harvesting system to exceed 2% of the Total Project Cost, or has the applicant documented economic hardship in relation to maintenance costs? (If so, attach an explanation.) ☐ Yes ☐ No
- 5.3 Do constraints, such as a slope above 10% or lack of available space at the site, make it infeasible to locate on the site a cistern of adequate size to harvest and use the C.3.d amount of water? (If so, attach an explanation.) ☐ Yes ☐ No
- 5.4 Are there geotechnical/stability concerns related to the surface (roof or ground) where a cistern would be located that make the use of rainwater harvesting infeasible? (If so, attach an explanation.) ☐ Yes ☐ No
- 5.5 Does the location of utilities, a septic system and/or **heritage trees*** limit the placement of a cistern on the site to the extent that rainwater harvesting is infeasible? (If so, attach an explanation.) ☐ Yes ☐ No

Note 1: It is assumed that projects with significant amounts of landscaping will either treat runoff with landscape dispersal (self-treating and self-retaining areas) or will evaluate the feasibility of harvesting and using rainwater for irrigation using the curves in Appendix F of the LID Feasibility Report.

6. Results of Feasibility Determination

- 6.1 Based on the results of the feasibility analysis in Item 4.4 and Section 5, rainwater harvesting/use is (check one): ☐ Infeasible ☐ Feasible

→ If "FEASIBLE" is indicated for Item 6.1 the amount of stormwater requiring treatment must be treated with harvesting/use, unless it is infiltrated into the soil.

→ If "INFEASIBLE" is checked for Item 6.1, then the applicant may use appropriately designed **bioretention***¹ facilities for compliance with C.3 treatment requirements. If $K_{sat} > 1.6$ in./hr., and infiltration is unimpeded by subsurface conditions, then the bioretention facilities are predicted to infiltrate 80% or more average annual runoff. If $K_{sat} < 1.6$, maximize infiltration of stormwater by using bioretention if site conditions allow, and remaining runoff will be discharged to storm drains via facility underdrains. If site conditions preclude infiltration, a lined bioretention area or flow-through planter may be used.

Stevens Creek Quarry Inc.
Applicant (Print)

Applicant (Sign)

Date

9-21-2020

For Stevens Creek Quarry Inc.

LID Feasibility Worksheet
Attachment 2: Toilet-Flushing Demand for Harvested Rainwater¹ Required for Rainwater Harvesting Feasibility per Impervious Acre (IA)²

Table 1 - Alameda County:

Rain Gauge ³	Required Demand (gal/day/IA) ⁴	Residential		Office/Retail ⁵		Schools ⁶	
		No. of residents per IA ⁷	Dwelling Units per IA ⁸	Employees per IA ⁹	Interior Floor Area (sq.ft./IA) ¹⁰	Employees ¹¹ per IA	Interior Floor Area (sq.ft./IA) ¹²
Berkeley	5,900	690	255	860	172,000	170	51,000
Dublin	4,100	480	177	590	118,000	120	36,000
Hayward	4,800	560	207	700	140,000	140	42,000
Palo Alto	2,900	340	125	420	84,000	90	27,000
San Jose	2,400	280	103	350	70,000	70	21,000

Table 2 - Santa Clara County:

Rain Gauge ³	Required Demand (gal/day/IA) ⁴	Residential		Office/Retail ⁵		Schools ⁶	
		No. of residents per IA ⁷	Dwelling Units per IA ⁸	Employees per IA ⁹	Interior Floor Area (sq.ft./IA) ¹⁰	Employees ¹¹ per IA	Interior Floor Area (sq.ft./IA) ¹²
Morgan Hill	6,500	760	260	940	188,000	190	57,000
Palo Alto	2,900	340	116	420	84,000	90	27,000
San Jose	2,400	280	96	350	70,000	70	21,000

Table 3 – San Mateo County:

Rain Gauge ³	Required Demand (gal/day/IA) ⁴	Residential		Office/Retail ⁵		Schools ⁶	
		No. of residents per IA ⁷	Dwelling Units per IA ⁸	Employees per IA ⁹	Interior Floor Area (sq.ft./IA) ¹⁰	Employees ¹¹ per IA	Interior Floor Area (sq.ft./IA) ¹²
Palo Alto	2,900	340	124	420	84,000	90	27,000
San Francisco	4,600	530	193	670	134,000	140	42,000
SF Oceanside	4,300	500	182	620	124,000	130	39,000

Table 4 – Contra Costa County:

Rain Gauge ³	Required Demand (gal/day/IA) ⁴	Residential		Office/Retail ⁵		Schools ⁶	
		No. of residents per IA ⁷	Dwelling Units per IA ⁸	Employees per IA ⁹	Interior Floor Area (sq.ft./IA) ¹⁰	Employees ¹¹ per IA	Interior Floor Area (sq.ft./IA) ¹²
Berkeley	5,900	690	254	860	172,000	170	51,000
Brentwood	4,200	490	180	610	122,000	120	36,000
Dublin	4,100	480	176	590	118,000	120	36,000
Martinez	5,900	690	254	860	172,000	170	51,000

Table 5 – Solano County:

Rain Gauge ³	Required Demand (gal/day/IA) ⁴	Residential		Office/Retail ⁵		Schools ⁶	
		No. of residents per IA ⁷	Dwelling Units per IA ⁸	Employees per IA ⁹	Interior Floor Area (sq.ft./IA) ¹⁰	Employees ¹¹ per IA	Interior Floor Area (sq.ft./IA) ¹²
Lake Solano	9,000	1,050	362	1,300	260,000	270	81,000
Martinez	5,900	690	238	860	172,000	170	51,000

Notes:

1. Demand thresholds obtained from the “Harvest and Use, Infiltration and Evapotranspiration Feasibility/Infeasibility Criteria Report” (LID Feasibility Report) submitted to the Regional Water Board on May 1, 2011.
2. Toilet flushing demands assume use of low flow toilets per the California Green Building Code.
3. See Attachment 3 to identify the rain gauge that corresponds to the project site.
4. Required demand per acre of impervious area to achieve 80% capture of the C.3.d runoff volume with the maximum allowable drawdown time for cistern of 50,000 gallons or less, from Table 9 of the LID Feasibility Report.
5. “Office/Retail” includes the following land uses: office or public buildings, hospitals, health care facilities, retail or wholesale stores, and congregate residences.
6. “Schools” includes day care, elementary and secondary schools, colleges, universities, and adult centers.
7. Residential toilet flushing demand identified in Table 10 of the LID Feasibility Report.
8. Residential toilet flushing demand divided by the countywide average number of persons per household (US Census data reported on www.abag.org), as follows: Alameda County: 2.71 persons per household; Santa Clara County: 2.92; San Mateo County: 2.74; Contra Costa County: 2.72; Solano County: 2.90.
9. Office/retail employee toilet flushing demand identified in Table 10 of the LID Feasibility Report.
10. Interior floor area required for rainwater harvest and use feasibility per acre of impervious area is based on the number of employees in Column 5 multiplied by an occupant load factor of 200 square feet per employee (reference: 2010 California Plumbing Code, Chapter 4, Plumbing Fixtures and Fitting Fixtures, Table A, page 62.)
11. School employee toilet flushing demand identified in Table 10 of the LID Feasibility Report. Each school employee represents 1 employee and 5 “visitors” (students and others).
12. Interior floor area required for rainwater harvest and use feasibility per acre of impervious area is based on the number of employees in Column 7 multiplied by 6 to account for visitors, then multiplied by an occupant load factor of 50 square feet per employee (reference: 2010 California Plumbing Code).

LID Feasibility Worksheet

Attachment 1: Glossary

Biotreatment

A type of low impact development treatment allowed under Provision C.3.c of the *MRP**, if infiltration, evapotranspiration and rainwater harvesting and use are infeasible. As required by Provision C.3.c.i(2)(vi), biotreatment systems shall be designed to have a surface area no smaller than what is required to accommodate a 5 inches/hour stormwater runoff surface loading rate and shall use biotreatment soil as specified in the biotreatment soil specifications submitted by the MRP co-permittees to the Regional Water Quality Control Board on May 1, 2011, or equivalent.

C.3 Regulated Projects:

Development projects as defined by Provision C.3.b.ii of the *MRP**. This includes public and private projects that create and/or replace 10,000 square feet or more of impervious surface, and restaurants, retail gasoline outlets, auto service facilities, and uncovered parking lots (stand-alone or part of another use) that create and/or replace 5,000 square feet or more of impervious surface. Single family homes that are not part of a larger plan of development are specifically excluded.

C.3.d Amount of Runoff

The amount of stormwater runoff from C.3 Regulated Projects that must receive stormwater treatment, as described by hydraulic sizing criteria in Provision C.3.d of the *MRP**.

Heritage Tree

An individual tree of any size or species given the 'heritage tree' designation as defined by the municipality's tree ordinance or other section of the municipal code.

Infiltration Devices

Infiltration facilities that are deeper than they are wide and designed to infiltrate stormwater runoff into the subsurface and, as designed, bypass the natural groundwater protection afforded by surface soil. These devices include dry wells, injection wells and infiltration trenches (includes French drains).

Infiltration Facilities

A term that refers to both infiltration devices and measures.

Infiltration Measures

Infiltration facilities that are wider than they are deep (e.g., bioinfiltration, infiltration basins and shallow wide infiltration trenches and dry wells).

Low Impact Development (LID) Treatment

Removal of pollutants from stormwater runoff using the following types of stormwater treatment measures: rainwater harvesting and use, infiltration, evapotranspiration, or, where these are infeasible, biotreatment.

Municipal Regional Stormwater Permit (MRP)

The municipal stormwater NPDES permit under which discharges are permitted from municipal separate storm sewer systems throughout the NPDES Phase I jurisdictions within the San Francisco Bay Region.

Potential Rainwater Capture Area

The impervious area from which rainwater may be potentially be captured, if rainwater harvesting and use were implemented for a project. If the entire site is evaluated for rainwater harvesting and use feasibility, this consists of the impervious area of the proposed project; for redevelopment projects that replace 50% or more of the existing impervious surface, it also includes the areas of existing impervious surface that are not modified by the project. If only a roof area or designated impervious area is evaluated for rainwater harvesting and use feasibility, the potential rainwater capture area consists only of the applicable impervious area.

Screening Density

A threshold of density (e.g., number of units or interior floor area) per acre of impervious surface, associated with a certain potential demand for non-potable water, for C.3 regulated projects. The screening density varies by municipality, according to location (see Attachment 2.) If the screening density is met or exceeded, the Rainwater Harvesting and Use Feasibility Worksheet must be completed for the project.

Self-Retaining Area

A portion of a development site designed to retain the first one inch of rainfall (by ponding and infiltration and/or evapotranspiration) without producing stormwater runoff. Self-retaining areas must have at least a 2:1 ratio of contributing area to a self-retaining area and a 3" ponding depth. Self-retaining areas may include graded depressions with landscaping or pervious pavement.

Areas that Contribute Runoff to Self-Retaining Areas are impervious or partially pervious areas that drain to self-retaining areas.

Self-Treating Area

A portion of a development site in which infiltration, evapotranspiration and other natural processes remove pollutants from stormwater. Self-treating areas may include conserved natural open areas, areas of landscaping, green roofs and pervious pavement. Self-treating areas treat only the rain falling on them and do not receive stormwater runoff from other areas.

Special Projects

Certain types of smart growth, high density and transit oriented development projects that are allowed, under Provision C.3.e.ii of the MRP, to receive LID treatment reductions. The specific development project types will be described in an amendment to the MRP, anticipated in Fall 2011.

Total Project Cost

Total project cost includes the construction (labor) and materials cost of the physical improvements proposed; however, it does not include land, transactions, financing, permitting, demolition, or off-site mitigation costs.

**HAZARDOUS WASTE AND SUBSTANCE
SITES LIST QUESTIONNAIRE**

(AB 3750 - Cortese Bill)

TO BE FILLED OUT AT COUNTER UPON SUBMITTAL OF APPLICATION

Applicant Name: Jason Voss

APN(s): APN list is attached.

Is the proposed development property listed in the Office of
Planning and Research Hazardous Waste and Substance Sites List?

Yes ☐ No ☒

If "yes," complete the following:

Site: _____

Page: _____

Address: _____

I certify that I have reviewed the Hazardous Waste and Substance Sites List, dated (accessed) 09/16/20,
and, to the best of my knowledge, the above information is correct.

Signature: 

Date: 9-21-2020

PARCELS WITHIN RECLAMATION PLAN BOUNDARY
STEVENS CREEK QUARRY

Assessor's Parcel Number
351-10-017
351-10-019
351-10-033
351-10-039
351-10-040
351-10-044
351-11-001
351-18-048

SANTA CLARA COUNTY PLANNING DEVELOPMENT APPLICATION

PROPERTY OWNER'S NAME	Phone	Email	Prefer correspondence: Email <input checked="" type="checkbox"/> Mail <input type="checkbox"/>
Stevens Creek Quarry Inc.	(408) 253-2512 ext. 210	jvoss@scqinc.com	
Mailing Address	City	Zip	
12100 Stevens Canyon Road	Cupertino	95014	
APPLICANT OR APPELLANT NAME	Phone	Email	Prefer correspondence: Email <input checked="" type="checkbox"/> Mail <input type="checkbox"/>
Stevens Creek Quarry Inc.	(408) 253-2512 ext. 210	jvoss@scqinc.com	
Mailing Address	City	Zip	
12100 Stevens Canyon Road	Cupertino	95014	
ADDRESS OF SUBJECT PROPERTY: 12100 Stevens Canyon Road, Cupertino, CA 95014		APN:	Attached
EXISTING USE OF PROPERTY: Quarrying uses		ACCESS RESTRICTIONS (gate, dog, etc.): Gated access	
The ACKNOWLEDGEMENTS AND AGREEMENTS FORM on the reverse side of this application must be completed and signed by the property owner(s).			

FOR DEPARTMENT USE ONLY

FILE NUMBER: _____ — _____

PROJECT DESCRIPTION: _____

APPLICATION TYPES	FEE(S)	COMMENTS / SUBMITTAL MATERIALS
Architecture and Site Approval / ASX		
Building Site Approval / BA (Urban / Rural)		
Certificate of Compliance		
Design Review / DRX		
CEQA (EA / Cat Ex / Prior CEQA / EIR)		
Compatible Use Determination (WA / OSE)		
Geologic Report / Letter		
Grading Approval / Abatement		
Lot Line Adjustment / Lot Merger		
Pre-Screening		
Special Permit		
Subdivision		
Use Permit		
Variance		
Other		
TOTAL FEES		

Application fees are not refundable.

Submittal reviewed
and received by: _____
Date: _____

Coordinates: X _____ Y _____
Zoning: _____
General Plan: _____
Parcel Size: _____

USA / SOI _____
WA / OSE / HCP _____
Early Outreach: L1 / L2 _____
Previous Files: _____

ACKNOWLEDGEMENTS AND AGREEMENTS

FILE NUMBER: _____

I. INDEMNITY

Applies to all Planning applications.

As it relates to the above referenced application, pursuant to County of Santa Clara Ordinance Code Section A33-6, except where otherwise expressly prohibited by state or federal law, I hereby agree to defend, indemnify and hold harmless the County and its officers, agents, employees, boards and commissions from any claim, action or proceeding brought by any person or entity other than the applicant ("third party") against the County or its officers, agents, employees, boards and commissions that arises from or is in any way related to the approval of this application, including but not limited to claims, actions or proceedings to attack, set aside, void or annul the approval. If a third party claim, action or proceeding is filed, the County will promptly notify the applicant of the claim, action or proceeding and will cooperate fully in the defense. Notwithstanding the above, the County has the right to participate in the defense of any claim, action or proceeding provided the County bears its own costs and attorney fees directly associated with such participation and defend the action in good faith. The applicant will not be required to pay or perform any settlement unless the applicant agrees to the settlement.

II. FEES

Applies to hourly billable application types. Refer to Department of Planning and Development fee schedule.

- a. I/We the Owner(s) of the subject property, understand that my/our application requires payment of a minimum non-refundable fee, plus additional funds when staff hours devoted to the application exhaust the initial payment. Staff hours are billed at the hourly rate in effect at the time the staff hours are accrued.
- b. Typical tasks charged to an application include, but are not limited to, the following: intake and distribution of application, staff review of plans and other relevant materials; correspondence; discussions/ meetings with owner, applicant and/or other interested parties; visits to the project site by authorized agency staff; file maintenance; environmental assessment; staff report preparation; agenda and meeting preparation; meeting attendance; presentations to boards, commissions, and community groups; contract administration.
- c. The minimum nonrefundable fees for development applications are based on staff billing rates and staff hours needed to process a typical application. Staff hours may exceed a base application fee (requiring additional billing) due to project complexity and public interest on a project. This could include the need to review technical reports, conduct several meetings with the owner / applicant, and respond to public inquiries.
- d. Invoiced fees are due within 30 days of the date on the billing letter. **Fees not paid within 30 days are considered late and are subject to collection at the expense of the Owner.** While such fees are outstanding, the Planning Office reserves the right to cease all work on a project until said fees are paid in full.
- e. Any fees not paid within 45 days of invoicing shall be subject to interest charged at a rate equal to that earned by the County Treasury investment pool for that period.
- f. The owner and applicant are encouraged to periodically check on the status of their projects and fees. Questions regarding the status of hours charged to an application may be addressed to the planner assigned to the project.
- g. For more information on Planning Office application fees and how they are calculated, visit the County Planning Office web site at www.sccplanning.org.

III. APPLICATION AUTHORIZATION AND AGREEMENT TO PAY

I (We), the Owner(s) of the subject property, hereby authorize(s) the filing of this application and on-site visit by authorized staff. In addition I (We) acknowledge and understand the information above related to fees and agree to pay all application fees. I (We) certify and accept the terms and conditions as described above.

OWNER'S NAME(S) (Please Print)

Jason Voss on behalf of Stevens Creek Quarry, Inc.

OWNER'S SIGNATURE(S)

DATE

9-21-2020

Revised 11/2/2015

Santa Clara County Planning Office

PARCELS WITHIN RECLAMATION PLAN BOUNDARY
STEVENS CREEK QUARRY

Assessor's Parcel Number
351-10-017
351-10-019
351-10-033
351-10-039
351-10-040
351-10-044
351-11-001
351-18-048



WELL INFORMATION QUESTIONNAIRE

FC 808 (11-26-14)

TO BE FILLED OUT AT COUNTER AND MAILED BY CITY/COUNTY OFFICIAL

PRINT Applicant's Name: Jason Voss Phone: (408) 253-2512 ext. 210

Project Address: 12100 Stevens Canyon Road City: Cupertino

Assessor's Parcel No.: Book _____ Page _____ Parcel APN list is attached.

Type of Planned Activity: Use permit and reclamation plan amendment for existing mining operation.

Is there a well(s) located on your project site: ☐ Yes ☒ No

If yes, type of well: ☐ Water Well ☐ Monitoring Well ☐ Dry Well ☐ Other: _____ (Explain)

Is the well(s) active (in use)? ☐ Yes ☐ No

Will your proposed permit activity affect your well site? ☐ Yes ☐ No

Comments: _____

For further information, please contact the Santa Clara Valley Water District Well Ordinance Program, (408) 630-2660.

INFORMATION RECEIVED BY:

FOR OFFICIAL USE ONLY

Name of City/County Representative: _____ City/County Project File No.: _____

Name of City/County: _____ Date: _____



WELL INFORMATION QUESTIONNAIRE

FC 808 (11-26-14)

TO BE FILLED OUT AT COUNTER AND MAILED BY CITY/COUNTY OFFICIAL

PRINT Applicant's Name: _____ Phone: () _____

Project Address: _____ City: _____

Assessor's Parcel No.: Book _____ Page _____ Parcel _____

Type of Planned Activity: _____

Is there a well(s) located on your project site: ☐ Yes ☐ No

If yes, type of well: ☐ Water Well ☐ Monitoring Well ☐ Dry Well ☐ Other: _____ (Explain)

Is the well(s) active (in use)? ☐ Yes ☐ No

Will your proposed permit activity affect your well site? ☐ Yes ☐ No

Comments: _____

For further information, please contact the Santa Clara Valley Water District Well Ordinance Program, (408) 630-2660.

INFORMATION RECEIVED BY:

FOR OFFICIAL USE ONLY

Name of City/County Representative: _____ City/County Project File No.: _____

Name of City/County: _____ Date: _____

PARCELS WITHIN RECLAMATION PLAN BOUNDARY
STEVENS CREEK QUARRY

Assessor's Parcel Number
351-10-017
351-10-019
351-10-033
351-10-039
351-10-040
351-10-044
351-11-001
351-18-048